

Designer Interface and Basis of Estimates

Designer Interface for wT
and BOE Basics for Designers and Reviewers

June 16, 2015: Ongoing DI and BOE changes pending; see Program Management web page for details

Agenda, page 1

- **Welcome**

- Definitions and Abbreviations
- History of Designer Interface/Webgate
- Current updates to PrP, DQE, BOE, and reports

- **Designer Interface**

- Accessing the Designer Interface
- Reviewing & Updating the Header information
- Updating Category header- structures
- Exporting headers to CADD Quantity Manager*
- Importing quantities from CADD Quantity Manager*

**We will NOT be going to the CADD quantity manager software with this training. A separate webinar will be available to CADD users.*

- Adding Items and quantities

Agenda, page 2

- **Webgate Reports**
 - Project Edit Report- checking for errors
 - Project/Proposal Summary for CADD plans (.xml file)
 - Historical reports
- **Basis of Estimates- Basics**
 - Updates & Registration: Contact Database
 - Requesting Pay Items:
 - Opening Items with and existing pay item structure
 - Creating new pay item structures
 - Generic Pay Items for Utilities
 - Coordination with Specs, Design Standards, and other manuals/handbooks
 - Summary Boxes- brief review (Separate webinars are available for more detail)
- **Questions and Answers**

Definitions & Abbreviations

- **Webgate**
 - Internet web page to access Designer Interface, Reports, and other applications
 - RACF (mainframe) userID/password required
- **Designer Interface (DI)**
 - FDOT application to enter pay items and quantities into Trnsport/Preconstruction program
- **Project Preconstruction (PrP)**
 - Next generation of Trnsport, also known as web Trnsport (wT)
 - AASTHOWare Project suite of programs
- **Design Quantity Estimates (DQE)**
 - FDOT application for estimating
 - Pay Item maintenance
- **Basis of Estimates (BOE)**
 - FDOT manual for pay item guidance

Designer Interface

- **Pre-1999:** Mainframe Cost Estimating System (mainframe CES). The Summary of Quantities from this system was also known as the “CES”, or Cost Estimate Summary.
- AASHTO’s suite of programs, including the AASHTO **Project Estimating System (PES)** and **Cost Estimating System (CES)** were originally based on Florida’s mainframe system.
- The Designer Interface was developed in 1999, to facilitate the entry of pay items and quantities into PES.

Today’s Designer Interface has been updated to work with newer browsers, databases, and the web based Project Preconstruction.

Project Preconstruction

- Replaces Trnsport module known as PES
- Uses “workflows” to guide projects through various steps/phases
 - CO let Design-bid-build (pay item projects)
 - District let Design-bid-build (pay item projects)
 - Design-Build projects
 - District Maintenance
 - Others
- Allows users to view/update based on their “role” , workflow, and the current workflow phase
- Phase can be updated by FDOT Project Manager or Estimator, depending on current phase

Contact your FDOT Project Manager if you do not have a project available to update in Designer Interface. The workflow phase may need to be updated.

Designer Interface

- Accessing the Designer Interface
- Reviewing & Updating the Header information
- Updating Category header- structures

TEST: used for many of the screens shown in this presentation.

PRODUCTION: June 1 implementation.

6-16-15 update: Ongoing changes to DI and BOE

www.dot.state.fl.us/ProgramManagement/divisions.shtm

(Formerly Specifications and Estimates Office)

Designer Interface


Program Management / Divisions


Program Management Office Divisions


Program Management
Florida's Transportation Engineers


Divisions


Specifications

 Specifications and other Related Information.


 Specification Workbook Files


 Provide Comments to Proposed Specification Revisions


 Create Specifications Packages.

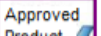
 Maintenance Specifications


Estimates

 Basis of Estimates

 Estimates Web Applications and Trans*port

 Long Range Estimating System

 Approved

 PL

From the Program Management Office's Divisions page,
Select the "webgate" link


Designer Interface

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Estimating Systems Support Manager

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Some Links below may require either Adobe PDF or Microsoft PowerPoint 2007 or higher.  [Free Adobe download.](#)
[Free PowerPoint viewer download.](#)

Design Quantities and Estimates (DQE)

DQE is an Estimates Application for producing Construction Cost Estimates, as well as maintaining pay items and the Basis of Estimates. Additional guidance is available on the [DQE home page](#). A RACF User ID is Required.

WebGate

Access to both Reports and Interface

The WebGate is a single point of login for access to a variety of applications and Transport reports. It resides within the FDOT secured firewall. A RACF User ID is Required.

Applications may be accessed through the WebGate or the direct links below:

- **Citrix Access to Transport Modules*** - PES, LAS, CES, and SIM
Effective June 1, 2015: PES and LAS will be replaced with AASHTO Project Preconstruction (PrP)
CES will be read only; refer to DQE for pricing.

Transport Reports*

Effective June, 1, 2015: Transport Reports will move to webgate reports

Direct access to Reports or Interface

- **Designer Interface***

The Designer Interface is a FDOT web application used by designers to load items and quantities into Transport PES. A RACF User ID is required. For help with internet browser settings, refer to [Browser Settings for Designer](#)

[Interface.pdf](#)

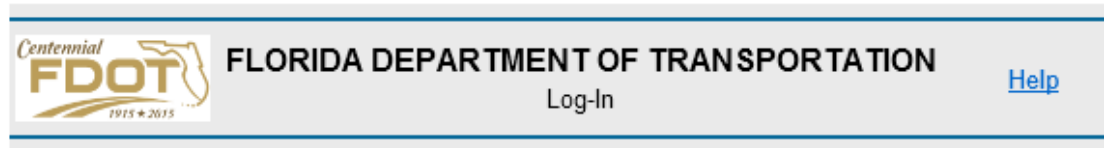
* Authorized users only.

** Some reports may require additional security.

- **Project Preconstruction (PrP)**, also known as webTransport, is for FDOT Estimators only.

Browser Instructions

Designer Interface



By logging on to this site, you agree to the rules, directives, and policies of the Florida Department of Transportation. Your use of this site is subject to the expectation of privacy as to your use of Department information technology resources as all data is potentially subject to Florida's public records law.

This is a RACF login page; bookmarks should be for destination, such as Webgate or Designer Interface

Please Do Not Bookmark or Add this Page to your Favorites!

Access requires a Mainframe (RACF) userid and password.

User ID:

Password:

SUBMIT

☐ Change Password ?




This site is maintained by the
FDOT Office of Information Systems
Questions or Comments?
Please Contact:

[Service Desk @](#)
[Web Policies](#)

Service Desk will assist with UserIDs & Passwords. All project and pay item issues should go directly to Project Manager, Specs, or Estimates.

Designer Interface



Florida Department of
TRANSPORTATION

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Select a link below to access Department of Transportation resources, some applications will require additional security

FDOT Trns*port Web Interfaces

[Bid Letting Entry](#)

[Bid Letting Results](#)

[Designer Interface](#)

[Web Transport Reporting](#) (FM Project Interface, Vendor Interface)

[Web Transport Preconstruction Application](#)

Citrix Access to [Trns*port \(EXP-Expedite, SIM-Sitemanager\)](#)







Other Links

[Contract Proposal Processing](#)

[Contract Proposal Processing Online Ordering](#)

[Long Range Estimating](#)

Contact UsEmploymentMyFlorida.comPerformanceStatement of AgencyWeb Policies & Notices



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Florida Department of Transportation
100 Years of Innovation, Mobility and Economic Development

You may have fewer/different options,
based on your userID or security settings.

Designer Interface



Designer Interface Web Trns*port Preconstruction

Logged in as: pg965mh [Logout](#)

[Webgate Reporting](#)

[Home](#) [Help](#)

Project List

Project Status	Project Number	aecXML Process	Description	Letting Date	Unit System	Proposal	
	<input type="text"/>						
Update	13097815201	Export Header Import	INDIAN STREET BRIDGE NEW BRIDGE CONSTRUCTION	07/24/2024	English		^
(Locked)	19363715201	Export Header	DESIGN CES TRAINING TRAINING	01/29/2030	English		
Update	19364315201	Export Header Import	STATEWIDE DESIGN ESTIMATES TRAINING TRAINING	01/29/2030	English		
Update	19798815601	Export Header Import	US 41 FROM VENICE CONN (SR 681) TO OSCAR SCHEDULED PKENT ADD LANES & RECONSTRUCT		English		
Update	20074615201	Export Header Import	SR 50 (ALLEGATOR ALLEY) AT NORTHSIDE REST AREA REST AREA	01/26/2016	English		
Update	20103255201	Export Header Import	INTERCHANGE - ADD LANES	07/25/2022	English		
Update	20274525201	Export Header	SR 329 (MAIN STREET) MISCELLANEOUS		English		v

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Upon entering, you will see only those projects that you have access to view/update. Contact your FDOT Project Manager if you do not see your project.

[Contact the Service Desk](#)

[Web Policies & Notices](#)

Designer Interface



Designer Interface Web Transport Preconstruction

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[Webgate Reporting](#) [Home](#) [Help](#)

Project List

Project Status	Project Number	aecXML Process	Description	Letting Date	Unit System	Proposal
Update	13097815201	Export Header Import	INDIAN STREET BRIDGE NEW BRIDGE CONSTRUCTION	07/24/2024	English	
(Locked)	193637			11/29/2030	English	
Update	19364315201	Export Header Import	STATEWIDE DESIGN ESTIMATES TRAINING TRAINING	01/29/2030	English	
Update	197988				ish	
Update	19801765601	Export Header Import	ADD LANES & RECONSTRUCT	10/19/2018	English	
Update	20074615201	Export Header Import	I-75 (SR 93/ALLIGATOR ALLEY) AT NORTHSIDE REST AREA REST AREA	01/26/2016	English	
Update	20103255201	Export Header Import	INTERCHANGE - ADD LANES	07/25/2022	English	
Update	20274525201	Export Header	SR 329 (MAIN STREET) MISCELLANEOUS		English	

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Locked: In use by others, or in another work phase

Update: Available to update items, quantities, or other fields

[Contact the Service Desk](#)

[Web Policies & Notices](#)

[Project List](#) >> Project Details - 19364315201

[CADD FTP Site](#)

Federal #: **Letting Date:** 1/29/2030 **District:** 00 **Spec Year:** 13 **County:** 99 - DIST/ST- WIDE **Proposal:**
Class: 1 - Class 1 **Type:** C - Construction **Urban/Rural:** **Work Type:** X3 - Resurfacing **Work Mix:** 9950 - TRAINING

Categories

Delete Selected

Export Header

Import

Add Category

Copy Selected Category

(none) ▼

Delete	Category	Description	Alternate...	Bridge ID	Update	Ite...	View
<input type="checkbox"/>	0100	STRUCTURES		930285	Update	Ite...	View
<input type="checkbox"/>	0101	STRUCTURES		930289	Update	Ite...	View
<input type="checkbox"/>	0200	ROADWAY			Update	Ite...	View
<input type="checkbox"/>	0300	SIGNING			Update	Ite...	View
<input type="checkbox"/>	0400	LIGHTING			Update	Ite...	View
<input type="checkbox"/>	0500	SIGNALIZATION			Update	Ite...	View
<input type="checkbox"/>	0600	LANDSCAPE / PERIPHERAL			Update	Ite...	View

Designer Interface

Project Details: This is the “home screen” for the project.



Designer Interface Web Trns*port Preconstruction

Logged in as: pg965mh [Logout](#)

[Webgate Reporting](#)

[Home](#)

[Help](#)

[Project List](#) >> Project Details - 19364315201

[CADD FTP Site](#)

Federal #: **Letting Date:** 1/29/2030 **District:** 00 **Spec Year:** 13 **County:** 99 - DIST/ST- WIDE **Proposal:**
Class: 1 - Class 1 **Type:** C - Construction **Urban/Rural:** **Work Type:** X3 - Resurfacing **Work Mix:** 9950 - TRAINING

[Project List](#) >> Project Details - 19364315201

[CADD FTP Site](#)

Federal #: **Letting Date:** 1/29/2030 **District:** 00 **Spec Year:** 13 **County:** 99 - DIST/ST- WIDE **Proposal:**
Class: 1 - Class 1 **Type:** C - Construction **Urban/Rural:** **Work Type:** X3 - Resurfacing **Work Mix:** 9950 - TRAINING

<input type="checkbox"/>	0400	LIGHTING			Update	Ite...	View
<input type="checkbox"/>	0500	SIGNALIZATION			Update	Ite...	View
					Update	Ite...	View

1 - 7 of 7 items

Header (data from FM and other systems): Verify project number, letting date, and other information. If errors exist, notify your FDOT Project Manager.

Spec Year/Pay Item Year: This field is associated with the Master Pay Item list, NOT the Spec Book.

Categories

Delete Selected

Export Header

Import

Add Category

Copy Selected Category

(none) ▼

Delete	Category	Description	Alternate...	Bridge ID	Update	Ite...	View
<input type="checkbox"/>	0100	STRUCTURES		930285	Update	Ite...	View
<input type="checkbox"/>	0101	STRUCTURES		930289	Update	Ite...	View
<input type="checkbox"/>	0200	ROADWAY			Update	Ite...	View
<input type="checkbox"/>	0300	SIGNING			Update	Ite...	View
<input type="checkbox"/>	0400	LIGHTING			Update	Ite...	View
<input type="checkbox"/>	0500	SIGNALIZATION			Update	Ite...	View
<input type="checkbox"/>	0600	LANDSCAPE / PERIPHERAL			Update	Ite...	View

Categories: Update categories as needed. For Bridges, there should be 1 category for each bridge, with the appropriate bridge ID. If needed, add categories using the "add category" button above.

Categories

Delete Selected

Export Header

Import

Add Category

Copy Selected Category

(none)

Delete	Category	Description	Alternate...	Bridge ID	Update	Ite...	View
<input type="checkbox"/>	0100	STRUCTURES		930285	Update	Ite...	View
<input type="checkbox"/>	0101	STRUCTURES		930289	Update	Ite...	View
<input type="checkbox"/>	0200	ROADWAY			Update	Ite...	View
<input type="checkbox"/>	0300	SIGNING			Update	Ite...	View
<input type="checkbox"/>	0400				Update	Ite...	View
<input type="checkbox"/>	0500	SIGNALIZATION			Update	Ite...	View
<input type="checkbox"/>	0600	LANDSCAPE / PERIPHERAL			Update	Ite...	View

Deleting Categories: Select the category row, then click the "Delete Selected" box above.

Categories

Delete Selected

Export Header

Import

Add Category

Copy Selected Category

(none)

Delete	Category	Description	Alternate...	Bridge ID	Update	Ite...	View
<input type="checkbox"/>	0100	STRUCTURES		930285	Update	Ite...	View
<input type="checkbox"/>	0101	STRUCTURES		930289	Update	Ite...	View
<input type="checkbox"/>	0200	ROADWAY			Update	Ite...	View
<input type="checkbox"/>	0300	SIGNING			Update	Ite...	View
<input type="checkbox"/>	0400	LIGHTING			Update	Ite...	View
<input type="checkbox"/>	0500	SIGNALIZATION			Update	Ite...	View
<input type="checkbox"/>	0600	LANDSCAPE / PERIPHERAL			Update	Ite...	View

Updating Categories: Update each structures category to enter the bridge details.

Designer Interface

[Project List](#) >> [Project Details - 19364315201](#) >> **Edit Category**

Category Type View :	01 - STRUCTURES	Alternate Code :	<input type="text"/>
Bridge Length :	<input type="text" value="275.90"/>	Super Structure Type :	<input type="text" value="3 - AASHTO Girder"/>
Bridge Width :	<input type="text" value="92.75"/>	Sub Structure Type :	<input type="text" value="1 - Pile Bent"/>
Bridge Type :	<input type="text" value="1 - Overpass (over road/railroad)"/>	Foundation Type :	<input type="text" value="1 - Prestressed Sq. Piles"/>
Spans :	<input type="text" value="4"/>	Structure Location :	<input type="text" value="R - Over Road"/>
Bridge ID :	<input type="text" value="930285"/>	Structure Work Type :	<input type="text" value="7 - Miscellaneous"/>

Update Structures Categories: Enter the bridge length, width, type/location, bridge ID, substructure/superstructure/foundation type, and work type.

Remember to save category changes!

Return to the Project Details by clicking on the Project Details link above.

Categories

Delete Selected

Export Header

Import

Add Category

Copy Selected Category

(none)

Delete	Category	Description	Alternate...	Bridge ID	Update	Ite...	View
<input type="checkbox"/>	0100	STRUCTURES		930285	Update	Ite...	View
<input type="checkbox"/>	0101	STRUCTURES		930289	Update	Ite...	View
<input type="checkbox"/>	0200	ROADWAY			Update	Ite...	View
<input type="checkbox"/>	0300	SIGNING			Update	Ite...	View
<input type="checkbox"/>	0400	LIGHTING			Update	Ite...	View
<input type="checkbox"/>	0500	SIGNALIZATION			Update	Ite...	View
<input type="checkbox"/>	0600	LANDSCAPE / PERIPHERAL			Update	Ite...	View

Categories: Other categories do NOT need to be updated, unless the project involves innovative contracting methods, such as alternate categories.

Categories

Delete Selected

Export Header

Import

Add Category

Copy Selected Category

(none)

Delete	Category	Description	Alternate...	Bridge ID	Update	Ite...	View
<input type="checkbox"/>	0100	STRUCTURES		930285	Update	Ite...	View
<input type="checkbox"/>	0101	STRUCTURES		930289	Update	Ite...	View
<input type="checkbox"/>	0200	ROADWAY			Update	Ite...	View
<input type="checkbox"/>	0300	SIGNING			Update	Ite...	View
<input type="checkbox"/>	0400	LIGHTING			Update	Ite...	View
<input type="checkbox"/>	0500	SIGNALIZATION			Update	Ite...	View
<input type="checkbox"/>	0600	LANDSCAPE / PERIPHERAL			Update	Ite...	View

Items: There are two methods for loading pay items and quantities-

1. CADD Quantity Manager
2. Manual Entry

Designer Interface



Designer Interface Web Transport Preconstruction

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[Webgate Reporting](#) [Home](#) [Help](#)

Project List

Project Status	Project Number	aecXML Process	Description	Letting Date	Unit System	Proposal
	<input type="text"/>					
Update	13097815201	Export Header Import	INDIAN STREET BRIDGE NEW BRIDGE CONSTRUCTION	07/24/2024	English	^
(Locked)	19363715201	Export Header Import	DE			
Update	19364315201	Export Header Import	STATEWIDE DESIGN ESTIMATES TRAINING TRAINING	01/29/2030	English	
Update	19798815601	Export Header Import	US SC			
Update	19801765601	Export Header Import	ADD LANES & RECONSTRUCT	10/19/2018	English	
Update	20074615201	Export Header Import	I-75 (SR 93/ALLIGATOR ALLEY) AT NORTHSIDE REST AREA REST AREA	01/26/2016	English	
Update	20103255201	Export Header Import	INTERCHANGE - ADD LANES	07/25/2022	English	
Update	20224525201	Export Header Import	SR 329 (MAIN STREET) MISCELLANEOUS		English	v

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Export Header: Sends the category headers to a .xml file

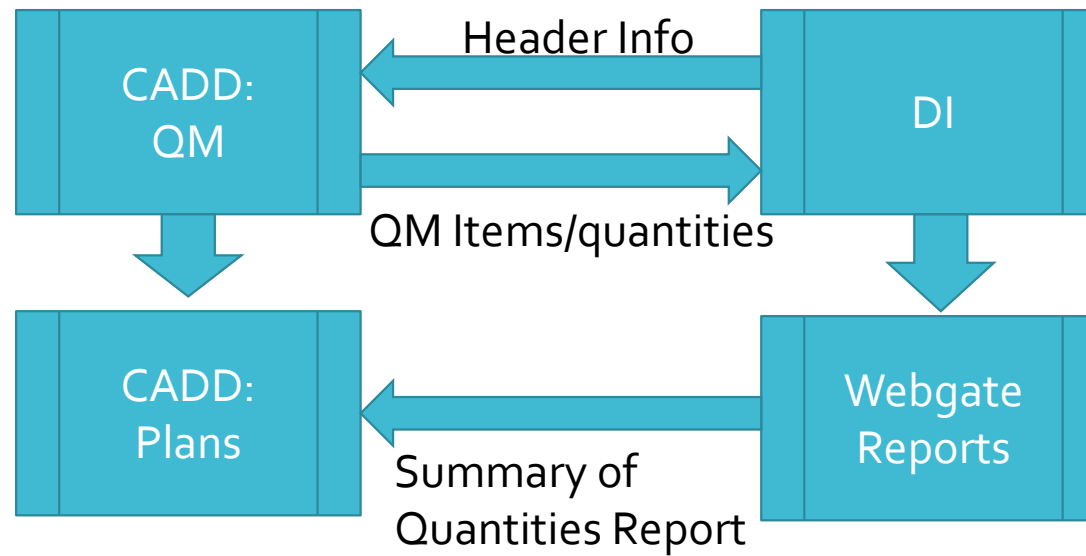
Import: Brings in the items/quantities from CADD .xml file

[Contact the Service Desk](#)

[Web Policies & Notices](#)

Designer Interface- Working with CADD Quantity Manager

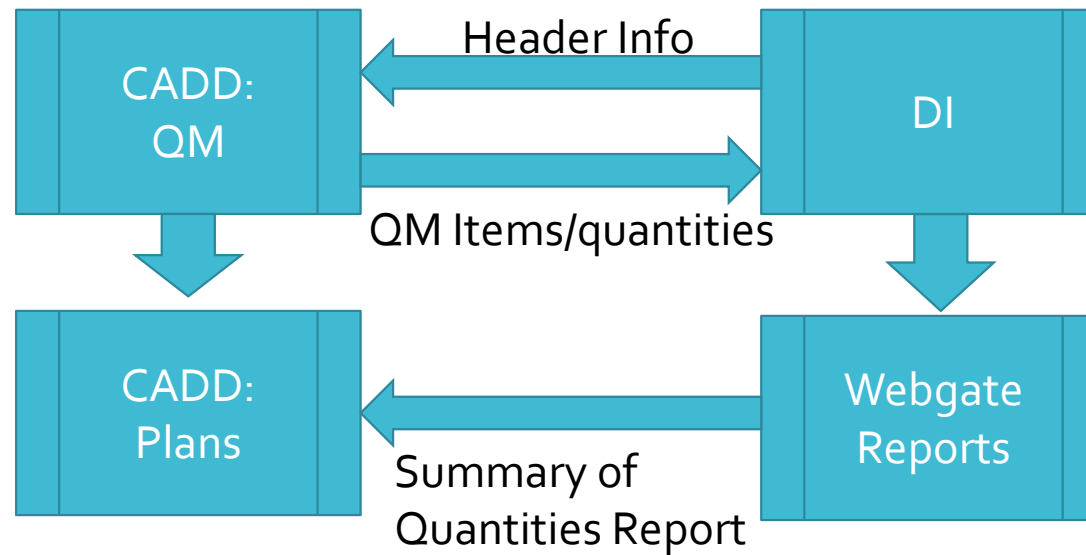
- 1. Review/update category header in DI
- 2. Export/Save category headers to .xml
- 3. Update QM information
- 4. Export/Save QM information to .xml
- 5. Import .xml to DI
- 6. Update other pay items/quantities



Step 3: A separate webinar is available for CADD/QM users. See ECSO web page for details.

Designer Interface- Working with CADD Quantity Manager

- 7. Exit DI. Go to Webgate Reports
- 8. Run Project Edit Report to check for errors.
 - Resolve errors before proceeding
- 9. Run Summary of Pay Items (CADD) report for Project or Proposal
 - Save report as .xml
- 10. Import .xml into plans (after key sheet)



Categories

Delete Selected

Export Header

Import

Add Category

Copy Selected Category

(none) ▼

Delete	Category	Description	Alternate Code	Bridge ID	Update	Items	View
<input type="checkbox"/>	0100	STRUCTURES		930285	Update	Items	View
<input type="checkbox"/>	0101	STRUCTURES		930289	Update	Items	View
<input type="checkbox"/>	0200	ROADWAY			Update	Items	View
<input type="checkbox"/>	0300	SIGNING			Update	Items	View
<input type="checkbox"/>	0400	LIGHTING			Update	Items	View
<input type="checkbox"/>	0500	SIGNALIZATION			Update	Items	View
<input type="checkbox"/>	0600	LANDSCAPE / PERIPHERAL			Update	Items	View

Now for method 2- Manual entry

Page 1 of 1 10 items per page 1 - 7 of 7 items

Items: There are two methods for loading pay items and quantities-

1. CADD Quantity Manager
2. Manual Entry

Designer Interface- Manual Data Entry

Categories

[Delete Selected](#) [Export Header](#) [Import](#) [Add Category](#) [Copy Selected Category](#) (none) ▼

Delete	Category	Description	Alternate Code	Bridge ID	Update	Items	View
<input type="checkbox"/>	0100	STRUCTURES		930285	Update	Items	View
<input type="checkbox"/>	0101	STRUCTURES		930289	Update	Items	View
<input type="checkbox"/>	0200	ROADWAY			Update	Items	View
<input type="checkbox"/>	0300	SIGNING			Update	Items	View
<input type="checkbox"/>	0400	LIGHTING			Update	Items	View
<input type="checkbox"/>	0500	SIGNALIZATION			Update	Items	View
<input type="checkbox"/>	0600	LANDSCAPE / PERIPHERAL			Update	Items	View

Page 1 of 1 10 items per page 1 - 7 of 7 items

Items: Select the Items link for the appropriate category.

Designer Interface- Manual Data Entry

Project List >> Project Details - 20074615201 >> Category 0200

Delete Selected Add Item

☒ Save changes ☐ Cancel changes

Delete	Proje...	Item #	Description	Quantity	Units	Second...	Non...	Alt. Code	Supplem...	View
<input type="checkbox"/>	0005	0101 1	MOBILIZATION	1	LS - Lump Sum		False			View
<input type="checkbox"/>	0010	0102 1	MAINTENANCE OF TRAFFIC	1	LS - Lump Sum	DA	False			View
<input type="checkbox"/>	0015	0102 60	WORK ZONE SIGN	7600	ED - EACH DAY		False			View
<input type="checkbox"/>	0020	0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	2400	ED - EACH DAY		False			View
<input type="checkbox"/>	0025	0102 77	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	1400	ED - EACH DAY		False			View
<input type="checkbox"/>	0030	0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	400	ED - EACH DAY		False			View
<input type="checkbox"/>	0035	0104 1	ARTIFICIAL COVERINGS /ROLLED EROSION CONTROL PRODUCTS	12	SY - SQUARE YARD		False			View
<input type="checkbox"/>	0040	0104 10 3	SEDIMENT BARRIER	4495	LF - LINER FOOT		False			View
<input type="checkbox"/>	0045	0104 12	STAKED TURBIDITY BARRIER-NYLON REINFORCED PVC	2887	LF - LINER FOOT		False			View
<input type="checkbox"/>	0050	0104 15	SOIL TRACKING PREVENTION DEVICE	4	EA - EACH		False			View

Page 1 of 3 15 items per page 1 - 15 of 41 items

Items: Update quantity as needed.
Remember to save/process changes!

Designer Interface- Manual Data Entry

Project List >> Project Details - 20074615201 >> Category 0200

Delete Selected

Add Item

✓ Save changes

✗ Cancel changes

Delete	Proje...	Item #	Description	Quantity	Units	Second...	Non...	Alt. Code	Supplem...	View
<input type="checkbox"/>	0005	0101 1	MOBILIZATION	1	LS - Lump Sum		False			View
<input type="checkbox"/>	0010	0102 1	MAINTENANCE OF TRAFFIC	1	LS - Lump Sum	DA	False			View
<input type="checkbox"/>	0015	0102 60	WORK ZONE SIGN	7600	ED - EACH DAY		False			View
<input type="checkbox"/>	0020	0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	2400	ED - EACH DAY		False			View
<input type="checkbox"/>	0025	0102 77	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	1400	ED - EACH DAY		False			View
<input type="checkbox"/>	0030	0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	400	ED - EACH DAY		False			View
<input type="checkbox"/>	0035	0104 1	ARTIFICIAL COVERINGS /ROLLED EROSION CONTROL PRODUCTS	12	SY - SQUARE YARD		False			View
<input type="checkbox"/>	0040	0104 10 3	SEDIMENT BARRIER	4495	LF - LINER FOOT		False			View
<input type="checkbox"/>	0045	0104 12	STAKED TURBIDITY BARRIER-NYLON REINFORCED PVC	2887	LF - LINER FOOT		False			View
<input type="checkbox"/>	0050	0104 15	SOIL TRACKING PREVENTION DEVICE	4	EA - EACH		False			View

Page 1 of 3 15 items per page 1 - 15 of 41 items

NEW! Selecting the pay item number will link you directly to the Basis of Estimates details. More details soon...

Webgate Reports



- ▶ Administration and Security
- ▶ Confidential Estimator Reports
- ▶ Construction Sitemanager
- ▶ Contracts Administration
- ▶ Designers, Estimators, and Reviewers
- ▶ Equal Opportunity
- ▶ Federal Aid Office
- ▶ FM Project Interface
- ▶ General Reports
- ▶ Landscape Reports
- ▶ Maintenance Sitemanager
- ▶ Vendor Interface

▼ Designers, Estimators, and Reviewers

- ▶ Compbook M
- ▶ Payitem Extr
- ▶ FHWA District Cost Summa
- ▶ Fuel Allocation
- ▶ Historical Bid Summary Re
- ▶ Project Edit

▼ General Reports

- ▶ Contract Project Directory Report
- ▶ Crosswalk Report
- ▶ Item Average Unit Cost by Item Number Report
- ▶ Item Average Unit Cost by Item Range Report
- ▶ Master PayItem List Report
- ▶ Proposal Section and Line Numbers Report
- ▶ Summary of Pay Items Report

NEW! Select your report from the available reports on the list. Options may vary, depending on your role/security settings.

Webgate Reports: Project Edit Report

- Check for errors
- Note spec type flags (7.2 of BOE)
 - A= Approvals Needed/Monitored Item
 - D= Developmental Specification- approvals needed
 - M= Maintenance Specification
 - Maintenance Contracts ONLY: E###-### pay items
 - Maintenance Use- may require spec/details
 - P= Plan Details required
 - Size/shape, location, or other
 - R= Project Specific Permit Required
 - T= Tech Spec or Plan details
 - Description, Materials, Construction or Acceptance criteria, Method of Measurement, and Basis of Payment
- *If a flag does not match the BOE details, please report the error; some flags have not been updated from "D" to "P"*

Webgate Reports: Project Edit Report



Florida Department of Transportation
web Transport
Project Edit Report

5/5/2015 8:05:55 AM

** SYSTEM TEST **

Project: 42307115201

-PAY ITEM ERRORS FOUND-

Proposal:	T2571	Description:	I-75 (SR 93) AT SR 222 (39TH AVENUE) INTERCHANGE IMPROVEMENT
FA Project:	07521621	Location:	26005000
Project Item Year:	13	Trns System:	01 - Intrastate Interstate
Letting Date:	06/17/2015	US Route:	
Designer:	V786	State Route:	SR 222

<u>SPC</u>	<u>ALT</u>	<u>Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>
Category - 0200			ROADWAY		
	0101- 1-		MOBILIZATION (42307115201)	LS	1.000
	0102- 1-		MAINTENANCE OF TRAFFIC (42307115201)	LS/DA	1.000
	0102- 2- 1		SPECIAL DETOUR 1 (42307115201) <i>Item number is obsolete (E9).</i>	LS	1.000
	0102- 14-		TRAFFIC CONTROL OFFICER	MH	64.000
	0102- 60-		WORK ZONE SIGN	ED	4,014.000
	0102- 71- 14		BARRIER WALL, TEMPORARY, F&I, TYPE K	LF	5,525.000
	0102- 71- 24		BARRIER WALL, TEMPORARY, RELOCATE, TYPE K	LF	1,988.000
	0102- 74- 1		CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	14,364.000
	0102- 76-		ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	180.000
	0102- 77-		HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	ED	594.000

This is a test sample only; Special Detour is still valid!

Webgate Reports: Master Pay Item List

- **Currently open pay items.**
- **NOT A SHOPPING LIST**
 - Descriptions may be abbreviated or truncated
 - Complete Descriptions will be included in other reports
 - Use the Basis of Estimates when searching for an item
- **Reference Price**
 - Starts as a “guess”; suggestions are welcome for \$0.00 items
 - Updated monthly, as awarded project data becomes available

Webgate Reports: Master Pay Item List



Florida Department of Transportation
web Transport
Master Pay Items List

5/5/2015 8:10:07 AM

** SYSTEM TEST **

Item Year: 13

Displaying valid and obsolete items

Not displaying Reference Price

From: 0101- - To: 0103- -

Item Number	Item Description	Unit Meas	Item Class	Work Class	Contract Class	Spec Tech	Comb Flag	Valid Date	Obsolete Date
0101- 1-	MOBILIZATION	LS	01	MT	1		N	1/1/2013	
0102- 1-	MAINTENANCE OF TRAFFIC	DA	03	MT	1		N	1/1/2013	
0102- 2- 1	SPECIAL DETOUR 1	LS	03	MT	1		Y	1/1/2013	4/1/2015
0102- 2- 2	SPECIAL DETOUR 2	LS	03	MT	7		N	1/1/2013	
0102- 2- 3	SPECIAL DETOUR 3	LS	03	MT	M		N	1/1/2013	
0102- 2- 4	SPECIAL DETOUR 4	LS	03	MT	1		N	1/1/2013	
0102- 2- 5	SPECIAL DETOUR 5	LS	03	MT	1		N	5/5/2013	
0102- 2- 6	SPECIAL DETOUR 6	LS	03	MT	1		N	1/1/2013	
0102- 2- 7	SPECIAL DETOUR 7	LS	03	MT	1		N	1/1/2013	
0102- 2- 8	SPECIAL DETOUR 8	LS	03	MT	1		N	1/1/2013	
0102- 2- 9	SPECIAL DETOUR 9	LS	03	MT	1		N	1/1/2013	
0102- 2- 10	SPECIAL DETOUR 10	LS	03	MT	1		N	1/1/2013	
0102- 2- 11	SPECIAL DETOUR 11	LS	03	MT	1		N	1/1/2013	
0102- 2- 12	SPECIAL DETOUR 12	LS	03	MT	1		N	1/1/2013	
0102- 2- 13	SPECIAL DETOUR 13	LS	03	MT	1		N	1/1/2013	
0102- 2- 14	SPECIAL DETOUR 14	LS	03	MT	1		N	1/1/2013	
0102- 2- 15	SPECIAL DETOUR 15	LS	03	MT	1		N	1/1/2013	
0102- 2- 16	SPECIAL DETOUR 16	LS	03	MT	1		N	1/1/2013	12/31/2014
0102- 2- 17	SPECIAL DETOUR 17	LS	03	MT	1		N	1/1/2013	12/31/2014
0102- 2- 18	SPECIAL DETOUR 18	LS	03	MT	1		N	1/1/2013	12/31/2014
0102- 2- 19	SPECIAL DETOUR 19	LS	03	MT	1		N	1/1/2013	12/31/2014
0102- 2- 20	SPECIAL DETOUR 20	LS	03	MT	1		N	1/1/2013	12/31/2014
0102- 2- 21	SPECIAL DETOUR 21	LS	03	MT	1		N	1/1/2013	12/31/2014
0102- 2- 22	SPECIAL DETOUR 22	LS	03	MT	1		N	1/1/2013	12/31/2014
0102- 2- 23	SPECIAL DETOUR 23	LS	03	MT	1		N	1/1/2013	12/31/2014

MasterPayItemsList

Page 1 of 4

This is a test sample only; Special Detour is still valid!

Webgate Reports: Summary of Pay Items (CADD)

- **Project Summary**
 - used for phase reviews, or until proposal is available
 - Does NOT combine quantities for “strung” projects to be let together
 - Available in .pdf or .xml format
- **Proposal Summary**
 - Used for 100% plans reviews, or whenever proposal number is available
 - Combines quantities for “strung” projects to be let together, similar to the bid blank
 - Available in .pdf (for informal summary) or .xml (for exporting to plans sheet)

Webgate Reports: Summary of Pay Items (CADD)



Florida Department of Transportation Summary of Pay Items (CADD XML)

[Help](#)

**** Use the XML file for CADD MicroStation FDOT2010 or AutoCAD 2010 Civil 3D only ****
Click [here](#) to view video on how to create Summary of Pay Item sheets using the XML file.

Please select option type and enter the appropriate project or proposal number.

Select Option Type:

☒ Proposal ☐ Project

Enter Proposal ID:

Select Output Type:


☒ Xml File ☐ Report

Submit

Reset

This is a sample of existing input screen; updated screens pending

Webgate
Reports:
Summary of
Pay Items
(CADD)




**** Use the XML file for CADD MicroStation FDOT2010 or AutoCAD 2010 Civil 3D only ****

To Print, use the functions below. The Browser's Print function will not work correctly. This Report will not export to Excel.

This site does not support the Browser's Forward and Back Buttons.

1 of 5100%Find | NextSelect a formatExport



Florida Department of Transportation

Trnsport

Proposal Summary of Pay Items

For Proposal: T2571

5/5/2015 8:17:40 AM

Lead Project: 42307115201

Project(s): 42307115201, 42880315201


District: 02

County/Section: 26260000

County: ALACHUA

0001 SUMMARY OF ROADWAY				42307115201	42880315201	Quantity Total
S	ALT	Item Number	Description	UNIT		
		0101- 1-	MOBILIZATION 42880315201	LS	0.000	1.000
		0101- 1-	MOBILIZATION 42307115201	LS	1.000	0.000
		0102- 1-	MAINTENANCE OF TRAFFIC 42307115201	(LS)	1.000	0.000
		0102- 1-	MAINTENANCE OF TRAFFIC 42880315201	(LS)	0.000	1.000
		0102- 2- 1	SPECIAL DETOUR 1 42307115201	LS	1.000	0.000
		0102- 2- 1	SPECIAL DETOUR 1 42880315201	LS	0.000	1.000
		0102- 2- 2	SPECIAL DETOUR 2 42880315201	LS	0.000	1.000
		0102- 14-	TRAFFIC CONTROL OFFICER	MH	64.000	64.000
		0102- 60-	WORK ZONE SIGN	ED	4014.000	158260.000
		0102- 71- 14	BARRIER WALL TEMPORARY E&I TYPE K	LF	5525.000	4488.000

To download Adobe Acrobat Reader, click on the 'Get Acrobat' icon.



This is a sample of existing output screen; updated screens pending.
Note the two project numbers for the one proposal.

Webgate Reports: Pay Item Average Unit Cost & Item Average Unit Cost

- **Pay Item Average Unit Cost**
 - Enter individual pay items (up to 10)
 - Specify area, contract type, and date range
 - OUTPUT: Contract/Project list, with awarded prices & quantities
- **Item Average Unit Cost**
 - Enter pay item range
 - Specify area, contract type, and date range
 - OUTPUT: Summary with number of contracts and weighted average (historical average)

Webgate Reports: Pay Item Average Unit Cost & Item Average Unit Cost

Select/Enter Parameter Information: Required fields marked with asterisk(*)

State Wide: ☒ Yes
☐ No

-OR-

Area(s):

Area 1
Area 2
Area 3
Area 4

-OR-

County(ies):

ALACHUA
BAKER
BAY
BRADFORD

*Contract Type
(s):

ALL CONTRACT TYPES
Const Contract
Const CM at Risk
Const Cntr Private Partnership

*Display Option:

ALL
All With Hits
Valid With Hits
Valid With or Without Hits

*Item Year:

13

*Letting Date:

From 01/01/2012 To 12/31/2014

Item Ranges

*Begin Pay Item

*End Pay Item

1 0100 - -	1 0200 - -
2 - - -	2 - - -
3 - - -	3 - - -
4 - - -	4 - - -
5 - - -	5 - - -



Reset

Select/Enter Parameter Information: Required fields marked with asterisk(*)

State Wide: ☒ Yes
☐ No

-OR-

Area(s):

Area 1
Area 2
Area 3
Area 4

-OR-

County(ies):

ALACHUA
BAKER
BAY
BRADFORD

*Contract
Type(s):

All Contract Types
Const Contract
Const CM at Risk
Const Cntr Private Partnership

*Item Year:

13

*Letting
Date:

From 1/1/2012 To 12/31/2014

Pay Items

1 0101 - 1 -	2 0102 - 1 -
3 0102 - 2 - 1	4 0102 - 2 - 2
5 - - -	6 - - -
7 - - -	8 - - -
9 - - -	10 - - -



Reset

Similar Reports- One is by range, the other by pay item.

Webgate Reports: Pay Item Average Unit Cost & Item Average Unit Cost

CHSP005 05/05/2015-08.29.40

Florida Department of Transportation
Item Average Unit Cost
From 2012/01/01 to 2014/12/31

Contract Type: ALL Statewide
Displaying: ALL SELECTED ITEMS
From: 0100 To: 0200

!!!!!! WARNING : TEST ENVIRONMENT ----- SYSTEM TEST !!!!!!!

Item	No. of Conts	Weighted Average	Total Amount	Total Quantity	Unit Meas	Obs?	Description
0101 1	800	\$243,365.23	\$235,090,815.54	966.000	LC	N	MOBILIZATION
0102 1	814	\$347.35	\$108,524,560.36	312,437.300	DA	N	MAINTENANCE OF TRAFFIC
0102 2 1	56	\$321,593.22	\$18,652,406.68	58.000	LC	Y	SPECIAL DETOUR 1
0102 2 2	25	\$214,821.03	\$5,370,525.86	25.000	LC	N	SPECIAL DETOUR 2
0102 2 3	15	\$139,543.35	\$2,093,150.19	15.000	LC	N	SPECIAL DETOUR 3
0102 2 4	10	\$108,181.70	\$1,081,817.02	10.000	LC	N	SPECIAL DETOUR 4
0102 2 5	4	\$18,384.02	\$73,536.08	4.000	LC	N	SPECIAL DETOUR 5
0102 2 6	4	\$34,890.50	\$139,562.01	4.000	LC	N	SPECIAL DETOUR 6
0102 2 7	2	\$19,229.72	\$38,459.45	2.000	LC	N	SPECIAL DETOUR 7
0102 2 8	1	\$382,000.00	\$382,000.00	1.000	LC	N	SPECIAL DETOUR 8
0102 2 9					LC	N	SPECIAL DETOUR 9

Valid With or Without Hits

*Item Year: 13

*Letting Date: From 01/01/2012 To 12/31/2014

*Letting Date: From 1/1/2012 To 12/31/2014

*Begin Pay Item

1 0100 -

2 -

3 -

4 -

5 -

CHSP001 05/05/2015-08.31.34

Florida Department of Transportation
Item Average Unit Cost
From 2012/01/01 to 2014/12/31

Contract Type: ALL Statewide

!!!!!! WARNING : TEST ENVIRONMENT ----- SYSTEM TEST !!!!!!!

Item	#Cont	Reg. Avg	Weight Avg	Total Amount	Total Qty	Unit Meas	Description
<u>0101 1</u>	800	\$243,365.23	\$243,365.23	\$235,090,815.54	966	LC	MOBILIZATION
<u>0102 1</u>	814	\$2,743.64	\$347.35	\$108,526,527.02	312,437	DA	MAINTENANCE OF TRAFFIC
<u>0102 2 1</u>	56	\$327,208.88	\$321,593.22	\$18,652,406.68	58	LC	SPECIAL DETOUR 1
<u>0102 2 2</u>	25	\$214,821.03	\$214,821.03	\$5,370,525.86	25	LC	SPECIAL DETOUR 2

Excel PDF HTML

Reset

Required fields marked with asterisk(*)

-OR-

County(ies): ALACHUA
BAKER
BAY
BRADFORD

Partnership

Page: 1

Excel PDF HTML

Reset

Output is similar, but the "by item" report will expand to include project details.

Designer Interface- Manual Data Entry

Project List >> Project Details - 20074615201 >> Category 0200

Delete Selected

Add Item

✓ Save changes


✗ Cancel changes


Delete	Proje...	Item #	Description	Quantity	Units	Second...	Non...	Alt. Code	Supplem...	View
<input type="checkbox"/>	0005	0101 1	MOBILIZATION	1	LS - Lump Sum		False			View
<input type="checkbox"/>	0010	0102 1	MAINTENANCE OF TRAFFIC	1	LS - Lump Sum	DA	False			View
<input type="checkbox"/>	0015	0102 60	WORK ZONE SIGN	7600	ED - EACH DAY		False			View
<input type="checkbox"/>	0020	0102 74 2	CHANNELIZING DEVICE, TYPE III, 6'	2400	ED - EACH DAY		False			View
<input type="checkbox"/>	0025	0102 77	HIGH INTENSITY FLASHING LIGHTS, TEMP, TYPE B	1400	ED - EACH DAY		False			View
<input type="checkbox"/>	0030	0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	400	ED - EACH DAY		False			View
<input type="checkbox"/>	0035	0104 1	ARTIFICIAL COVERINGS /ROLLED EROSION CONTROL PRODUCTS	12	SY - SQUARE YARD		False			View
<input type="checkbox"/>	0040	0104 10 3	SEDIMENT BARRIER	4495	LF - LINER FOOT		False			View
<input type="checkbox"/>	0045	0104 12	STAKED TURBIDITY BARRIER-NYLON REINFORCED PVC	2887	LF - LINER FOOT		False			View
<input type="checkbox"/>	0050	0104 15	SOIL TRACKING PREVENTION DEVICE	4	EA - EACH		False			View

Page 1 of 3 15 items per page 1 - 15 of 41 items

NEW! Selecting the pay item number will link you directly to the Basis of Estimates details.

Design Quantities and Estimates (DQE)- **NEW:** Basis of Estimates

 Florida Department of
TRANSPORTATION


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Design Quantities and Estimates

Home Basis of Estimates Master Pay Item List Help

[Back to BOE Chapter Index](#) File Type ☒ PDF ☐ Excel
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	Structure ID	Title	Unit
Filters: Apply Clear			
	102- 77-	High Intensity Flashing Light- Temporary, Type B	ED

Design Quantities and Estimates (DQE) System
Report technical problems to the [Service Desk](#) at 1-866-955-4357
Email the [DQE Section](#) for questions about the DQE System
[Web Policies and Notices](#) - [Accessibility Statement](#)

When coming from Designer Interface, the current pay item is defaulted. Select the “+” symbol to expand details

Design Quantities and Estimates (DQE)- **NEW:** Basis of Estimates

Centennial
FDOT
1915 ★ 2015

Florida Department of
TRANSPORTATION

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Design Quantities and Estimates

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Back to BOE Chapter Index

Filters: Apply Clear

	Structure ID
Filters: Apply Clear	
+	102- 77-

Download BOE Chapter

To go to other pay items, enter the pay item in the Structure ID box, or go to the Chapter Index.

Design Quantities and Estimates (DQE)- **NEW:** Basis of Estimates

Design Quantities and Estimates

[Home](#)[Basis of Estimates](#)[Master Pay Item List](#)

BOE Chapter Index

[000- 199](#)[200- 299](#)[300- 399](#)[400- 499](#)[500- 599](#)[600- 699](#)[700- 799](#)[800- 899](#)[900- 999](#)[1000-1999](#)

	Structure ID	Title
Filters: Apply Clear	<input type="text"/>	<input type="text"/>
+	50- A-	Design / Build
+	99-Maint	Lump Sum / Periodic Payments of Lump Sum Main
+	101- 1-	Mobilization
+	101-Maint	MOBILIZATION Maintenance Contracts Only
+	102- 1-	Maintenance Of Traffic
+	102- 2- AA	Special Detour
+	102- 3-	Commercial Material For Driveway Maintenance

Scroll or Filter, as needed.

The Chapter Index is similar to the BOE Table of Contents.

Basis of Estimates- Basics

- Updates & Registration
- Requesting Pay Items
 - Opening Items with and existing pay item structure
 - Creating new pay item structures
 - Generic Pay Items for Utilities
- Coordination with Specs, Design Standards, and other manuals/handbooks
- Summary Boxes- brief review
 - Separate webinars are available for more detail
 - See ECSO for CADD/QM webinars
 - See Program Management for BOE/Pay Item webinars

BOE Update Training will be offered at the FDOT Training Expo in June.

Basis of Estimates- Updates and Registration

- Updates and Registration are completed through the Contact Database
- Free to Register
- Used by Construction, Roadway, and others
- <http://www.dot.state.fl.us/projectmanagementoffice/contactdatabase.shtm>

Basis of Estimates- Requesting Pay Items

- **Opening Items with and existing pay item structure**
 - Allow 24 hours
 - Requested at phase 2 (60% plans)
- **Creating new pay item structures**
 - Specifications?
 - Standards?
 - Handbooks, Manuals (PPM, CPAM, etc.)?
 - Unusual project conditions?
- **Generic Pay Items for Utilities**
 - Great for Utility category/JPA projects
 - DO NOT USE for other work
 - Refer to conditions in Chapter 6

Watch for “special” items with a monitor, developmental specs, or unusual conditions. These may require additional time for review/approvals.

Basis of Estimates- Coordination with others

- **Pay Item Numbers correspond to the Spec Section!**
- **350-2-abb**
 - 350= Specification Section 350
 - 2= pay item group
 - abb= variables for operation, size, shape, etc.
- **Developmental/Special Pay Items**
- **915-350-1**
 - 9= Special
 - 15= year initiated
 - 350= Specification Section 350

Basis of Estimates- Coordination with others

- **Coordination with Specs, Design Standards, and other manuals/handbooks**
 - Description
 - Materials
 - Construction or Acceptance Criteria
 - Method of Measurement
 - Basis of Payment
- **Pay Item Notes**
 - Quantity details: use the Summary Box, Design Notes Column
 - Materials details: coordinate with specifications
 - Manufacturer/Supplier details: coordinate with Product Evaluation before restricting products

Basis of Estimates- Coordination with others

What Goes Where?

- **Instructions to the Designer**
 - Plans Preparation Manual
 - Instructions for Design Standards (IDS)
- **Instructions to the Contractor**
 - Design Standards
 - Specifications
- **Other Handbooks & Manuals**
 - Basis of Estimates (BOE)
 - Structures Design Guidelines
 - Manual of Uniform Traffic Control Devices (MUTCD)
 - Traffic Engineering Manual (TEM)
 - Approved Products List (APL)

Basis of Estimates- Summary Boxes (Chapter 8)

Originated by the State Construction Office, Summary Boxes provide documentation of pay items and quantities by location. They also meet the Department's goal of Consistent, Predictable, Repeatable practices.

- *Separate webinars are available for CADD/QM coordination*
- *Separate webinars are available for Pay Item/Plans coordination for Estimators and Reviewers*

CADD contact: Denise.Broom@dot.state.fl.us
Estimates contact: Melissa.Hollis@dot.state.fl.us

Basis of Estimates- Summary Boxes (Chapter 8)

- Use the provided Summary Boxes; do NOT create your own
- Add/Delete columns or rows, only for pay items intended on that summary box
- Every pay item must be shown on a Summary Box; no more comp books
- Summary Box order- shown in Chapter 8 is in pay item order
- Items are summarized by location; do NOT delete locations, sub totals, or construction notes
- PENDING: Populated examples of all tables
- Call or e-mail for project specific situations; additional details and examples are added as needed.

CADD contact: Denise.Broom@dot.state.fl.us
Estimates contact: Melissa.Hollis@dot.state.fl.us

Thank You

for your time and participation.
We appreciate your feedback.

CADD contact: Denise.Broom@dot.state.fl.us

Estimates contact: Melissa.Hollis@dot.state.fl.us

Project Specific Issues: contact your FDOT Project Manager